

AYOTUNDE JEFFERS DOHERTY

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EDUCATION

Obafemi Awolowo University Ile-ife, Nigeria: Bachelor of Science in Quantity Surveying.

EXPERIENCE

RWS Moravia IT

Brno, Czech Republic 2023

- I Trained a computer vision application model using reinforcement learning through human feedback to classify images, patterns, and movable objects deployed to aid construction safety and reduce operational hazards.
- Train a Large Language Artificial Intelligence model on diverse perspectives, human values, and worldviews to reduce bias and support a more inclusive user experience.

Invisible Technologies Inc.

San Francisco, California 2022-2023

- Collaborated with cross-functional teams to identify issues in a Large Language Artificial Intelligence model and created customized advanced fine-tuning techniques to fix them.
- Trained a Large Language Artificial Intelligence model using deep learning techniques to generate diverse behavioral patterns, enabling custom chat box development for various business applications.
- Developed customized scripts and used advanced fine-tuning techniques to optimize the performance of the Large Language Artificial Intelligence model, achieving a 15% increase in accuracy and a 9% decrease in perplexity.

Freelance Data Analyst

- I investigated medical appointment records in Brazil, it indicates whether a patient shows up for an appointment or not, the dataset records information from more than 100,000 medical appointments in Brazil which include ScheduleDay, Neighborhood, gender, age, AppointmentDay, and the kind of ailment each patient has that may prevent showing up for an appointment. The disease is categorized into Hypertension, Diabetes, Alcoholism, and Handicap.

- I utilized Microsoft Excel pivot tables and lookup functions like INDEX-MATCH on the available data of a Megastore located in Abuja, Nigeria.

Sunshine Parks and Garden Industrial Estate.

Akure, Ondo state 2017-2021

- Ensured the building met regulatory standards.
- Designed a system that ensures regular inspection, repair, and maintenance of buildings.
- Collected relevant building information and data to be analyzed for repair delays, energy usage, maintenance, and health and safety.

VOLUNTEER EXPERIENCE

Andela Learning Community. 2017

- Review students' final projects and provide feedback.
- Organizing and facilitating meet-ups.
- Technical report presentation and feedback.

VERSION CONTROL

- Git

SKILLS

Machine Learning, Statistical Data Analysis with Python, SQL, Data visualization with Microsoft Power BI, and Data analysis with Microsoft Excel.

ACTIVITIES AND CERTIFICATION

- Udacity Data Analyst Nanodegree.
- Andela Volunteer learning community meetup facilitator certification.
- Boost your business training (Facebook and She Leads Africa).

TOOLS

- Jupyter Notebook.
- Microsoft Office Suite.
- Microsoft Power BI
- PgAdmin
- Google Suite
- Slack
- Notion
- Loom